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### COMPLETE SPECIFICATION.

#### Improvements in the Manufacture of Lotions for Toilet Uses.

I, CHARLES EDMOND GRAPEWINE, corner of Sixth and K Streets, San Diego, in the County of San Diego and State of California, United States of America, Manufacturer, do hereby declare the nature of my invention, and in what manner the same is to be performed, to be particularly described and ascertained in and  
5 by the following statement:—

The object of the invention is to provide certain new and useful improvements in the manufacture of lotions, to be used as a natural soap for toilet purposes, as an emollient for the skin, to restore faded complexions, to remove and prevent tan, sunburn and freckles, eradicate acne and pimples, to serve as a dentifrice  
10 and shaving lotion, and to cure chapped hands.

The invention consists of a new article of manufacture, a lotion possessing the characteristics hereinafter described and claimed.

In order to produce this new lotion, I proceed in detail as follows: .

The lemons, shortly after they have passed the green color state, are picked,  
15 and then ground and placed in salt water, with which they are cooked until a starchy mass or paste is formed and the water has been evaporated. The mass in this pulp state contains but the substance of the lemon and the salt, and is now strained through a cloth, gauze, sieve or other strainer, of such a fine mesh as to prevent the fibrous matter of the pulp from passing through, suitable means  
20 being employed to work or rub the mass sufficiently for the soluble matter to pass through the meshes of the strainer, the pulp fibrous matter being removed from the strainer from time to time as waste. The strained mass obtained is thoroughly mixed by stirring with suitable devices, to render the product homogeneous, and to form a cream of lemon, which is preferably filled in suitable  
25 pliable tubes, or other receptacles, and is then ready for use while in a semi-fluid state. Well or over ripened lemons may also be treated in the manner above described, but such lemons yield less cream.

Instead of grinding the lemons into pulp and cooking the latter in salt water, the lemons may be cooked whole first in salt water, preferably ocean water. The  
30 pulp of lemons may also be cooked and salt added during the cooking process, but salt or its equivalent is necessary to form the desired cream. About one-half pound of salt is necessary for one gallon of the cream formed, and if ocean water is used, the amount must be such as to yield approximately one-half pound of salt, the water being evaporated during the cooking process.

If it is necessary to thin the product to the required or desired consistency, water is added during the cooking. The cream is then placed in a vessel and left to settle until the separation of the liquid and solid substance becomes pronounced; but the solid substance not yet finally settled in the bottom of the vessel. The latter is now taken hold of and shaken, or the contents of the  
40 vessel are gently stirred, to finally form a homogeneous mass or cream that is not liable to separate and retains the lemon smell and taste.

[Price 8d.]

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*Grapewine's Improvements in the Manufacture of Lotions for Toilet Use.*

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The separation of the solid substances and the water takes place, in from one to five hours, according to the ripeness of the fruit.

It is expressly understood, however, that when the cream is prepared as first stated no separation takes place or is necessary, and the cream is filled directly into suitable receptacles. 5

It is further understood that the article is produced from the oil, the starchy substance of the pulp, rind and seed, also the juice contained in the lemon, separated from the fibrous and insoluble parts of the lemon, and thoroughly mixed and cooked with the addition of salt.

In using the cream as a soap the part to be cleansed is first wetted and then the cream rubbed onto it the same as ordinary soap, until the part feels smooth. 10  
Rinsing with water will then complete the cleansing process.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:— 15

As a new article of manufacture, a lotion of semi-fluid or cream-like consistency, said lotion being homogeneous and consisting essentially of cooked and defibrated lemon and salt, substantially as specified.

Dated this 16th day of May 1899.

A. M. & WM. CLARK,  
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